

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,433,310 B2  
APPLICATION NO. : 10/750130  
DATED : October 7, 2008  
INVENTOR(S) : Paul Marinier

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**IN THE DRAWINGS**

At FIG. 1, item #54, line 1, after the word "PARAMETER" delete "Gc" and insert therefor --G<sub>c</sub>--.

At FIG. 2, item #74, line 1, after the word "PARAMETER" delete "Gc" and insert therefor --G<sub>c</sub>--.

At FIG. 3, item #94, line 1, after the word "PARAMETER" delete "Gc" and insert therefor --G<sub>c</sub>--.

At FIG. 4, item #114, line 1, after the word "PARAMETER" delete "Gc" and insert therefor --G<sub>c</sub>--.

**IN THE SPECIFICATION**

At column 5, line 12, after the word "power" delete "(Pc)" and insert therefor --(P<sub>c</sub>)--.

At column 5, line 19, after the word "power" delete "(Pc)" and insert therefor --(P<sub>c</sub>)--.

At column 5, line 67, after the word "power" delete "(Pc)" and insert therefor --(P<sub>c</sub>)--.

At column 6, line 1, after the word "If" delete "Pc" and insert therefor --P<sub>c</sub>--.

At column 6, line 35, after the word "where" delete "Pc" and insert therefor --P<sub>c</sub>--.

At column 7, line 9, after the word "obtained" delete "on".

At column 8, line 1, after the word "power" delete "(Pc)" and insert therefor --(P<sub>c</sub>)--.

At column 8, line 17, after the word "power" delete "Pc" and insert therefor --P<sub>c</sub>--.

At column 8, line 20, after the word "power" delete "Pc" and insert therefor --P<sub>c</sub>--.

At column 8, line 45, after the word "power" delete "Pc" and insert therefor --P<sub>c</sub>--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 8, line 47, after the word "interference" delete "Io" and insert therefor --I<sub>0</sub>--.

At column 8, line 63, before "UL" delete "an" and insert therefor --a--.

At column 9, line 16, after the word "power" delete "(P<sub>c</sub>)" and insert therefor --(P<sub>c</sub>)--.

At column 9, line 23, after the word "power" delete "P<sub>c</sub>" and insert therefor --P<sub>c</sub>--.

At column 9, line 24, after the word "increase" delete "of" and insert therefor --or--.

At column 9, line 26, after the word "power" delete "P<sub>c</sub>" and insert therefor --P<sub>c</sub>--.

At column 9, line 34, after the word "set" delete "P<sub>0</sub>" and insert therefor --P<sub>0</sub>--.

At column 9, line 38, after the word "power" delete "P<sub>c</sub>" and insert therefor --P<sub>c</sub>--.

At column 10, line 38, after the words "made of" delete " $R = 1/(1-v)$ " and insert therefor -- $R = 1/(1-v)$ --.

At column 10, line 52, after the words "made of" delete " $R = 1/(1+v)$ " and insert therefor -- $R = 1/(1+v)$ --.

At column 10, lines 63 & 64, after "161)." delete "parameters and a thermal noise level  $\Theta$  as  $s = (I_0/\Theta) - 1$ ; and".

At column 11, line 9, before the words "(step 172)" delete " $R = 1/(1-v)$ " and insert therefor -- $R = 1/(1-v)$ --.

At column 11, line 46, before the words "These approxi-" delete " $1/G_c$ )." and insert therefor -- $1/G_c$ )--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**IN THE CLAIMS**

At claim 2, column 12, line 20, after the word "connection", delete "even" and insert therefor --event--.

At claim 4, column 12, delete lines 42 - 45, and insert therefor

$$R = \frac{1}{1 - \left( \frac{I_0}{\Theta} - 1 \right) \left( \frac{P_0}{I_0} \right) + \frac{1}{G_c}}$$

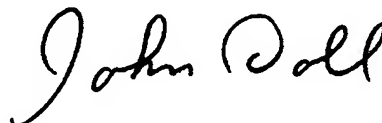
At claim 12, column 14, delete lines 9 - 12, and insert therefor

$$R = \frac{1}{1 + \left( \frac{I_0}{\Theta} - 1 \right) \left( \frac{P_0}{I_0} \right) + \frac{1}{G_c}}$$

At claim 16, column 14, line 44, after the word "connection", delete "even" and insert therefor --event--.

Signed and Sealed this

Twenty-fourth Day of March, 2009



JOHN DOLL  
 Acting Director of the United States Patent and Trademark Office